NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT

North Dakota Agricultural Statistics Service

Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN) and
UND AEROSPACE REGIONAL WEATHER INFORMATION CENTER

Released: May 17, 2004
For Week Ending: May 16, 2004
ND-CW2004

General: Freezing temperatures and precipitation across most of the state last week stopped fieldwork and damaged some emerged crops, according to North Dakota Agricultural Statistics Service. Snow and ice covered the northern part of the state. Some areas received a foot or more of snow and ice which left many rural areas without power for several days. Topsoil moisture supplies as of May 16 were rated 14 percent very short, 20 short, 61 adequate and 5 surplus compared to 2 percent very short, 7 short, 70 adequate and 21 surplus for the five-year (1999-2003) average. The southwestern corner of the state received little rain and remained dry, while the rest of the state received much needed precipitation. On average, there were only 3.5 days suitable for fieldwork last week. Spraying for broadleaf weeds and wild oats were both 3 percent complete. Reports of cutworm damage continued in the southwest district.

Crops: Planting progress remained ahead of average and last year, despite last week's weather conditions. Frost damage to emerged canola, flaxseed, corn, sugarbeets, alfalfa and soybeans were reported. The spring wheat crop was 84 percent planted as of May 16. This compares to 78 percent planted for the previous week, and an average of 57 percent. Spring wheat was 57 percent emerged and 66 percent rated in good to excellent condition. Durum wheat seeding was 54 percent complete, ahead of the average of 32 percent. It was 34 percent emerged, more than double the average. Canola seeding advanced to 74 percent complete compared to 59 percent last week. Corn was 83 percent planted and 25 percent was emerged, well ahead of average. Soybeans were 41 percent planted compared to 27 percent the previous week and the average of 19 percent. Sugarbeets were rated 58 percent good to excellent condition.

Livestock: Availability of pasture and forage were a concern in some areas. Producers continued to move livestock to summer pastures. Pasture and range conditions were rated only 23 percent good to excellent compared to a five-year average of 55 percent. Stockwater supplies were rated 4 percent very short, 19 short, 76 adequate and 1 surplus.

Small Grain Development Progress [1/]
May 16, 2004 with Comparisons

Crop	This Week	Last Week	Last Year	1999-03 Avg.
		(Percent)		
BARLEY				
Planted	80	70	57	48
Emerged	49	30	34	24
DURUM WHEAT				
Planted	54	46	36	32
Emerged	34	20	18	15
HRS WHEAT				
Planted	84	78	65	57
Emerged	57	39	45	33
Jointed	1	NA	0	1
OATS				
Planted	84	74	58	55
Emerged	58	36	37	28
Jointed	0	NA	0	1

1/ Crop development percents represent all acreage in or beyond each stage. NA = Not Available

Late Season Crop Development Progress [1/]
May 16, 2004 with Comparisons

Crop	This Week	Last Week	Last Year	1999-03 Avg.
		(Percent)		
CANOLA				
Planted	74	59	52	52
Emerged	27	9	22	22
CORN, ALL				
Planted	83	73	65	56
Emerged	25	7	17	18
DRY EDIBLE BEANS				
Planted	8	3	3	7
FLAXSEED				
Planted	57	39	33	36
Emerged	20	5	8	11
POTATOES				
Planted	54	43	38	45
Emerged	5	4	9	5
SOYBEANS				
Planted	41	27	16	19
Emerged	2	0	2	2
SUGARBEETS				
Emerged	55	22	40	39
SUNFLOWER				
Planted	10	4	7	6

1/ Crop development percents represent all acreage in or beyond each stage. NA = Not Available

Percent Planted by District
Week Ending May 16, 2004

Crop	NW	NC	NE	WC	C	EC	SW	SC	SE
					(Percent)				
Barley	60	68	72	89	97	99	99	99	100
Durum Wheat	30	44	72	84	79	100	98	94	100
HR Spring Wheat	33	65	85	92	92	100	98	98	100
Corn	4	36	79	67	84	90	61	69	96
Soybeans	4	7	19	34	28	46	NA	37	61

NA = Not Available

Crop and Pasture Condition
Week Ending May 16, 2004

Crop	Very Poor	Poor	Fair	Good	Excellent
			(Percent)		
Barley	0	7	32	50	11
Durum Wheat	0	9	38	50	3
HR Spring Wheat	0	6	28	58	8
Oats	1	11	41	44	3
Sugarbeets	0	8	34	57	1
Pasture and Range	10	33	34	22	1

~ Compiled and Published by ~
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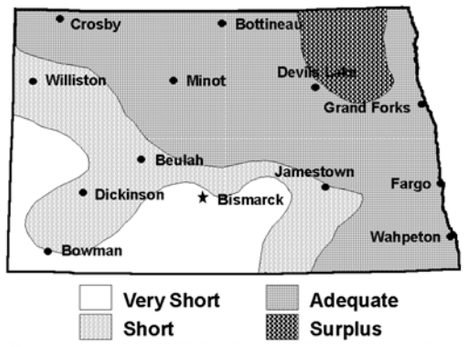
CROP WEATHER

Soil Moisture: North Dakota, May 16, 2004

Date	Very Short	Short	Adequate	Surplus
		(Percent)		
TOPSOIL				
This Week	14	20	61	5
Last Week	14	40	45	1
Last Year	1	4	71	24
1999-03 Avg	2	7	70	21
SUBSOIL				
This Week	13	26	58	3
Last Week	14	33	52	1
Last Year	5	14	67	14
1999-03 Avg	2	12	69	17

Topsoil Moisture Supplies
May 16, 2004



Weather: Average temperatures were well below normal for this time of year with nighttime lows dipping into the 20s and, in some locations, the teens. Highs for the week ranged from the low to mid-50s to the upper 60s to low 70s. Rainfall events last week brought much needed rain to most of the state. However, most of the state is still below average for rainfall amounts.

Outlook, May 17-23: A shift in the weather pattern will bring warmer and drier conditions to the state. Temperatures will warm nicely ranging from the mid-to-upper 60s to low 70s. A cold front will sweep through midweek resulting in slightly cooler temperatures towards the end of the week into the weekend. Look for the greatest chance of rainfall Tuesday and Wednesday.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending May 16, 2004

District Averages		Average Temperature		Seasonal Precipitation Beginning April 1		
		Past Week	Depart Normal 1/	Past Week	Total	Depart Normal 1/
		(Degrees F)		(Inches)		
Northwest	(1)	42	-10	0.83	1.26	-1.47
N. Central	(2)	42	-11	1.38	1.94	-0.91
Northeast	(3)	42	-12	1.85	3.04	0.62
W. Central	(4)	46	-9	0.31	0.82	-2.22
Central	(5)	42	-12	0.92	1.84	-0.94
E. Central	(6)	43	-12	1.43	1.95	-1.03
Southwest	(7)	44	-9	0.06	0.66	-2.44
S. Central	(8)	47	-8	0.23	1.03	-1.99
Southeast	(9)	49	-7	1.46	2.10	-0.81

1/ Normal is the 1961-90 average. NA = Not Available.
Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

Temperature & Precipitation: Districts and Stations[1/]
North Dakota, Week ending May 16, 2004

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1		
	High	Low	Past Week	Total	Depart Normal[2/]
	(Degrees F)		(Inches)		
(1) Bowbells	61	15	0.77	1.34	-1.22
Williston	66	27	0.38	0.63	-1.68
Mohall	62	12	1.17	1.70	-1.07
Minot	67	22	0.98	1.36	-1.93
(2) Baker	65	21	1.56	2.23	-1.02
Bottineau	66	12	1.35	1.85	-0.82
Rugby	67	18	1.23	1.73	-0.91
(3) Cando	64	23	2.09	3.03	0.78
Cavalier	62	20	1.88	3.63	1.09
Forest River	60	28	2.22	3.00	0.41
Grand Forks	57	29	1.30	1.66	-0.71
Langdon	58	22	2.07	3.67	1.49
St. Thomas	61	26	1.54	3.27	0.68
(4) Hazen	70	22	0.20	0.88	-2.58
Turtle Lake	66	24	0.47	0.90	-2.09
Watford City	67	26	0.26	0.68	-1.98
(5) Carrington	62	26	0.99	1.82	-1.03
Harvey	66	24	1.14	1.73	-0.92
Jamestown	58	23	1.46	2.84	0.39
Robinson	62	23	0.34	1.37	-1.44
Streeter	57	24	0.68	1.43	-1.70
(6) Dazey	56	24	0.84	1.66	-1.18
Fargo	62	28	1.57	1.72	-1.38
Hillsboro	60	28	1.87	2.47	-0.51
(7) Beach	67	22	0.05	0.43	-2.29
Bowman	69	17	0.01	0.73	-2.14
Dickinson	69	21	0.13	0.91	-2.37
Hettinger	71	19	0.06	0.57	-2.94
(8) Mandan	70	23	0.13	0.92	-1.92
Linton	71	25	0.32	1.14	-2.07
(9) Edgeley	60	26	1.41	2.09	-1.04
Oakes	73	27	1.60	2.31	-0.95
Wyndmere	77	30	1.36	1.90	-0.73

1/ Precipitation amounts may vary due to an inaccurate measure of snowfall melt. 2/ Normal is the 1961-90 average. NA=Not Available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.